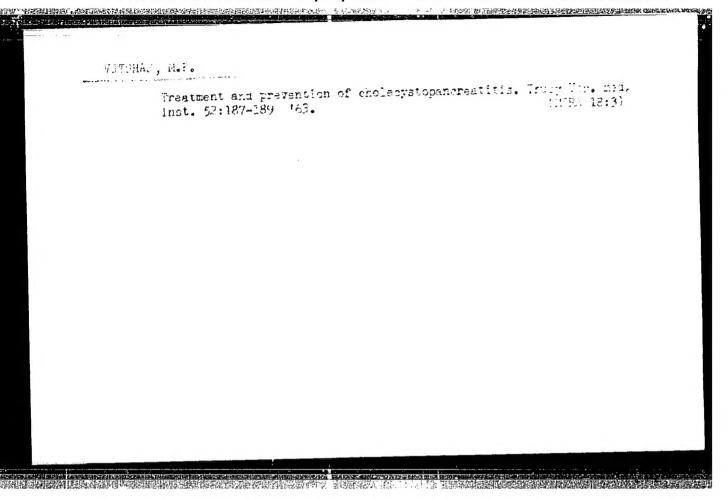
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ANDROHOV, Aleksandr Aleksandrovich, skademik [deceased]; VITT, Aleksandr Adol'fovich [deceased]; EHAYKIN, Semen Emmanmilovich; EHRIKZTSOV, H.A., Prinimala uchastiye: LEONTOVICH-ANDROHOVA, Ye.A., GRIGOROVA, V.A., red.; GAVRILOV, S.S., tekhn.red.

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915 p. (Vibration)

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16(1); 24(1)

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Andronov, Aleksandr Aleksandrovich, Aleksandr Adol'fovich Vitt, and

Semen Emmanuilovich Khaykin

Teoriya kolebaniy (Theory of Vibrations) 2nd ed., rev. and enl. Moscow, Fizmatgiz, 1959. 915 p. 20,000 copies printed.

Rev. and enl. by N.A. Zheleztsov; Ed.: V.A. Grigorova; Tech. Ed.: S.S. Gavrilov.

PURPOSE: This book is intended for scientific, engineering, and technical workers who encounter various vibrational processes in their work.

COVERAGE: The book systematically presents a large amount of material on the theory of nonlinear vibrations of autonomous nonlinear systems with one degree of freedom, which encompasses a large number of vibrational systems encountered in engineering practice. The fundamental aim of the book is not the solution of a large number of practical problems but the explanation of the basic propositions and methods adequate for the field of nonlinear vibrations in general. The presentation of the material is based on the works of Poincaré and Lyapunov. So-called qualitative integration is discussed in detail.

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with	these problems are studied with respect to the single one degree of freedom without external force, as seen. Ye.A. Leontovich-Andronova assisted in revision preface to the second edition was written by S.E. references: 130 Soviet, 27 German, 26 French, 17 Experiences: 130 Soviet, 27 German, 27 Ge	ing the first edition.
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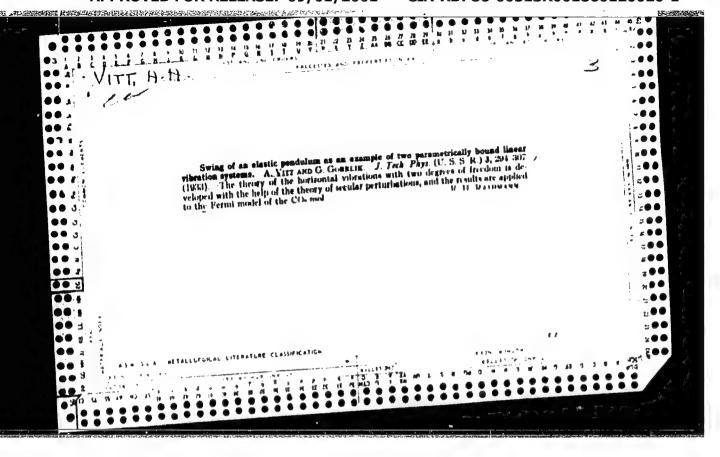
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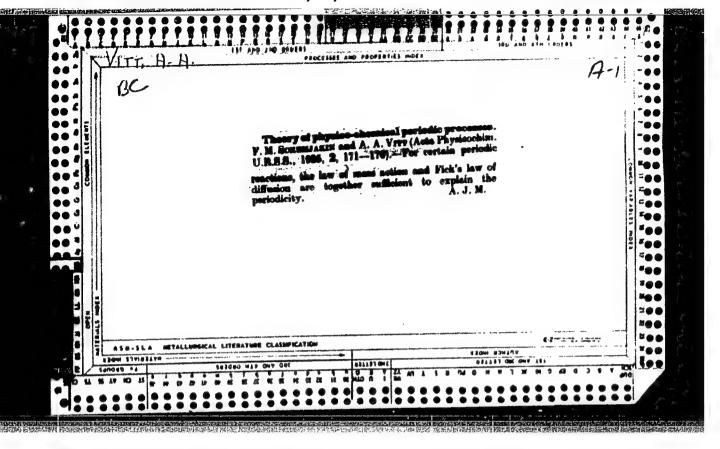
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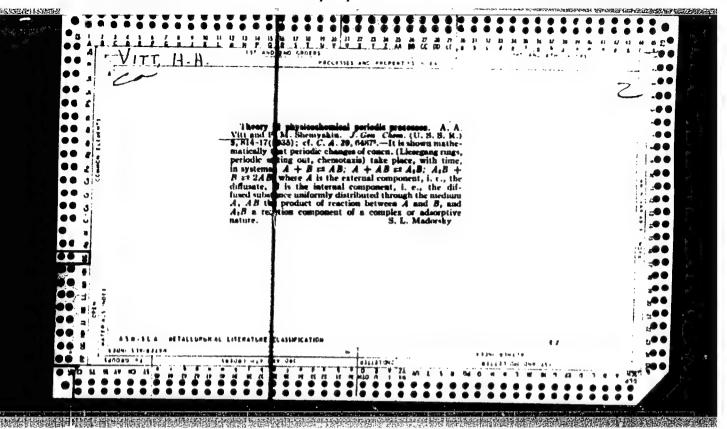
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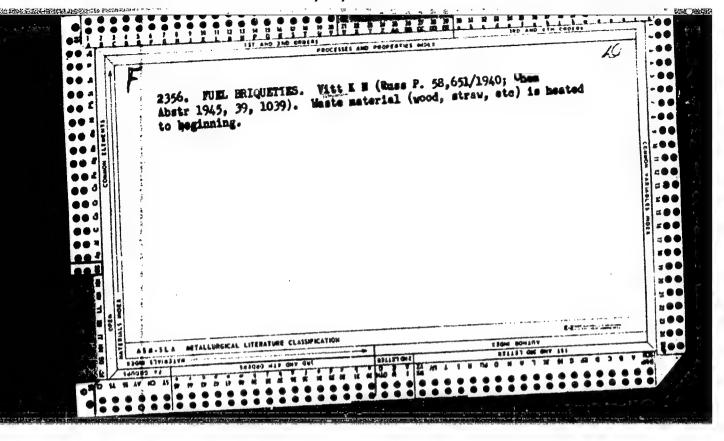


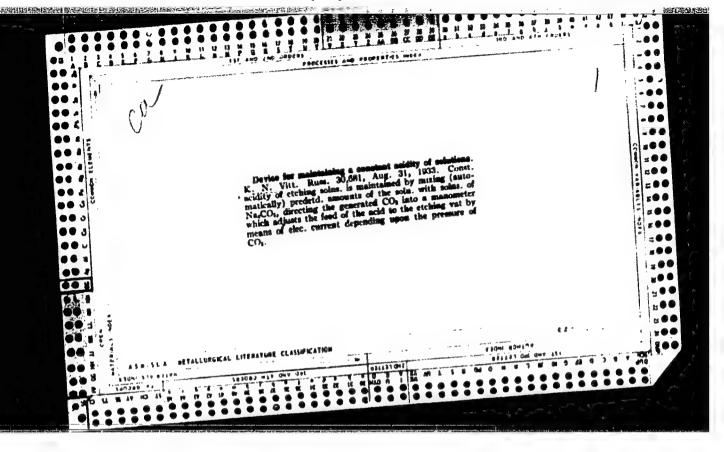


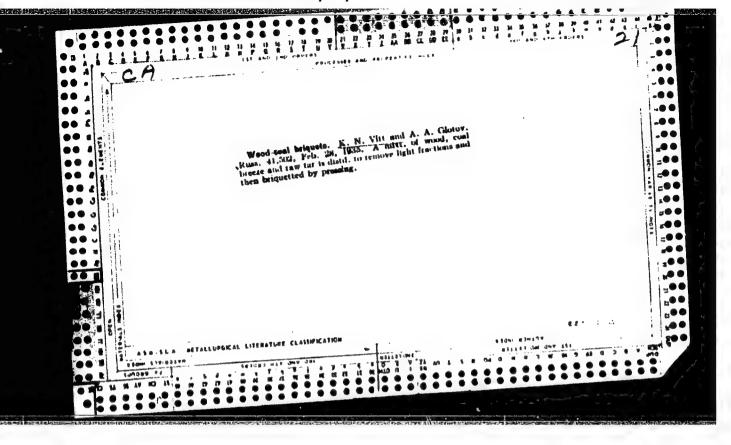
# VITT. A. G.

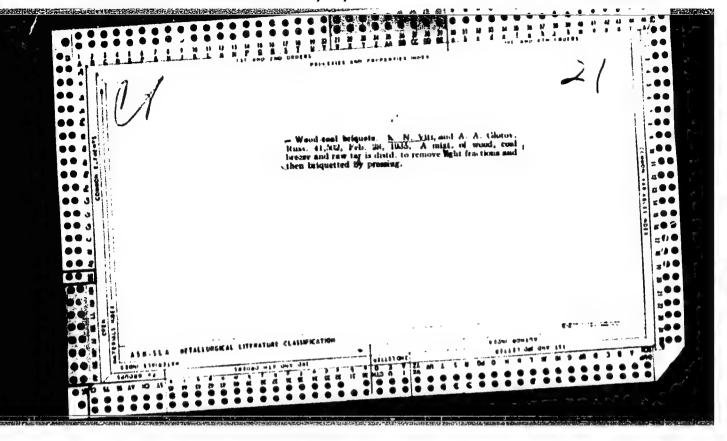
Sur la stabilite' du mouvement quasi pe'riodique. C.R. Acad. Sci. 195 (1932).

So: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevshiy, P.K.
Moscow-Leningrad, 1948









VITT, N.V.

Information on the emotional states in speech intonation. Vop. psikhol. 11 no.3:89-102 My-Je '65. (MIRA 18:7)

1. 1-y Moskovskiy gosudarstvennyy pedagogicheskiy institut inostrannykh yazykov im. Morisa Toreza.

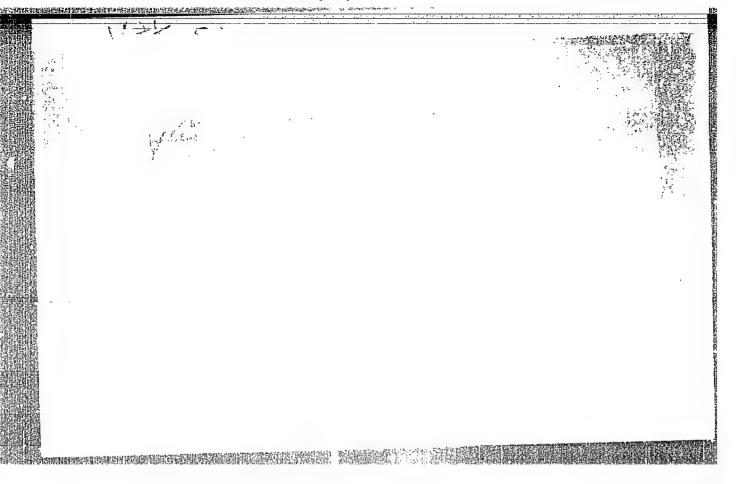
Emotions and their expression. Vop. psikhol. 10 no.3:
140-154 My-Je '64. (MIRA 17:9)

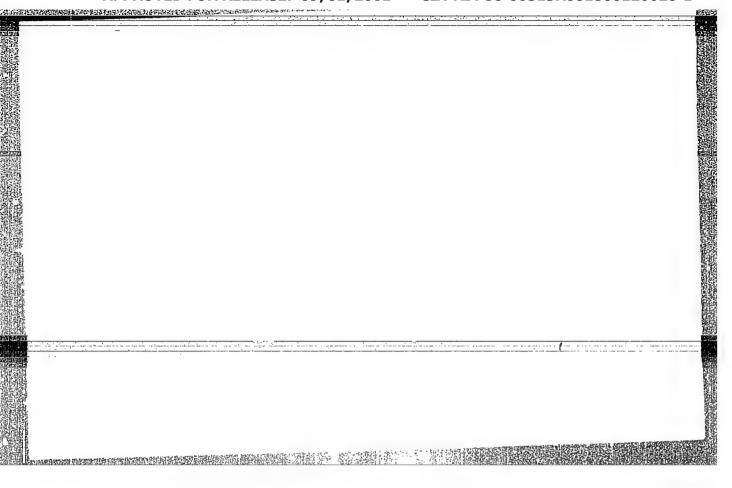
1. Moskovskiy gosudarstvennyy pedegogicheskiy institut
inostrannykh yezykov.

VITT, S.V.; ZHARIKOVA, N.A.; PASKONOVA, Ye.A.; BONDAREV, V.B.

Separation of isomeric alkyl benzense by gen chromatography. Zhur. anal. khim. 20 no.8:850-855 '65. (MIRA 18:10)

1. Institut elementoorganicheskikh soyedireniy AN SSSR i Institut biokhimii i fiziologii mikroorganizmov AN SSSR, Moskva.





KURSANOV, D. N., SETKINA, V. N., VITT, S. V., PARNES, Z. N.

"Study of the Mechanism of Certain Reactions by the Method of Hydrogen Exchange,"

A relient filestics of the following to the constant of the co

House of the joint of a substitution of the sign property of the spectrostate  $S_{\rm c}$  and  $S_{\rm c$ 

Synthesis based on 1,4-diacetylbenzene. Zhur.ob.khim. 26 no.4:

(MIRA 9:8)
1130-1133 Ap '56.

1. Hauchno-iseledovatel'skiy institut sinteticheskikh spirtov i organicheskikh produktov.

(Benzene)

VITT, S.R. Cand Chem Sci -- (diss) "Study of the mechanism of alkylation by making ammonium compounds." Mos, 1957. 10 pp 21 cm. (Acad Sci USSR. Inst of Elementeorganic Compounds), 100 copies

(KL, 7-57, 104)

10

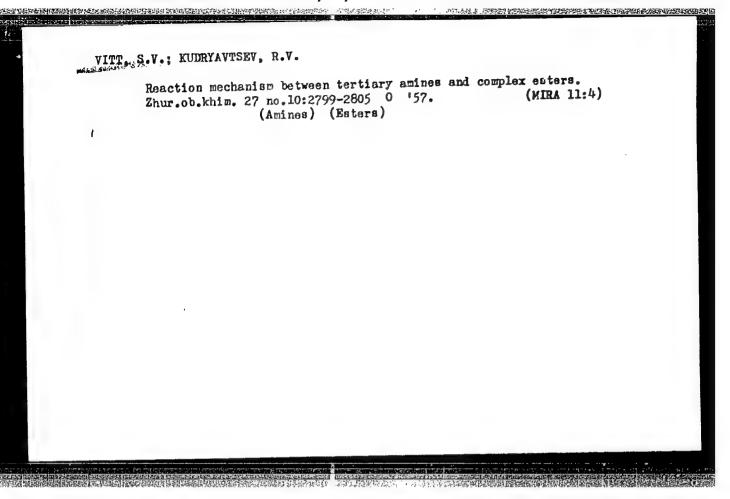
KURSANOV, D.N.; SETKINA, V.N.; VITT, S.V.; PARNES, Z.N.

Study of reaction mechanism by the hydrogen exchange method. Probl.

kin. i kat. 9:2½-2½4 '57. (MIRA 11:3)

(Chemical reaction-Conditions and laws)

(Hydrogen--Isotopes)



30-12-35/45

AUTHOR:

None Given.

TITLE:

Defense of Dissertations (Zashchita dissertatsiy).

(January - July 1957)(Yanvar' - iyul' 1957).

of Chemical Sciences (Otdeleniye khimicheskikh

Section

nauk).

PERIODICAL:

(USSR) Vestnik AN SSSR, 1957, Vol. 27, Nr 12, p. 112

ABSTRACT:

At the Institute for Chemical Physics (Institut khimicheskey fiziki). Application for the degree of Candidate of Physical-Mathematical Sciences: M. M. Khaletskiy-Measuring of total Cross Sections and of the Differential Cross Sections of the elastic scattering of 14.8 MeV neutrons, o elasticity (6) by

the method of determination of the (n,a) coincidence (Izmereniye polnykh secheniy ot i differentsial nykh secheniy

uprugogo rasseyaniya 14,8 Mev neytronov o upr. (8) metodom

At the Institute for Element-organic Compounds (Institut elementoorganicheskikh soyedineniy). Application for the degree of Doctor of Chemical Sciences: L. R. Zalukayev -

New Ways of Producing Nitrocompounds (Novyye puti polucheniya nitrosoyedineniy). L. G. Makarova - Investigation in the field

Card 1/2

Defense of Dissertations.
(January - July 1957)
Section of Chemical Sciences

**国际时间中的地位的有限的人,但是国际政策的人们的政策的人们的政策的人们的人们,这个对抗的人们的人们的人们的人们的人们的人们的人们的人们的人们们们们们们们们们们** 

30-12-35/45

of the decomposition mechanism of the diphenyl iodoniumand aryl diazonium salts (Issledovaniye v oblasti mekhanizma
razlozheniya difenilyodoniyevykh i arildiazoniyevykh soley).
Applications for the degree of Candidate of Chemical Sciences:
S. V. Vitt-Investigation of the mechanism of alkylation by
means of ammonium compounds (Issledovaniye mekhanizma
alkilirovaniya soyedineniyami ammoniya). G. M. Pogosyan synthesis and polymerization of alkoxystirenes (Sintez i
polimerizatsiya alkoksistirolov).

AVAILABLE:

Library of Congress

1. Chemistry 2. Organic compounds-Elements

Card 2/2

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KURSANOV, D.N., corresponding member of the PA - 3157 MOHTUA

Academy of Science and VITT, S.V On the Mechanism of the Alkylation of Alcohols by N-Trimethyl-

TITLE a- phenethylammonium iodide.

(Issledcvaniye mekhanizma alkilirovaniya spirtovaodistym N-tri-

metil-a-fenetilammoniyem - Russian)

Deklady Ekademii Mauk SSSR, 1957, Vol 113, Nr 3, pp 607-609, (U.S.S.R.) PERIODICAL

Received 6/1957

The alkylation of methyl-, ethyl- and H-butyl alcohols was inve-ABSTRACT stigated with the optically-active salt of d-N-trimethyl-a-phene-

thylammonium. It was found that in all cases investigated the ethers ontained had no optical activity. It remained unclear, however, whether racemization takes place with alkylation or in the initial salt of ammonia as a result of heating with alcohol at high

temperatures. In order to clear this up, reaction was carried out in such a manner that the d-N-trimethyl-x-phenethylammonium iodide did not enter into reaction as a whole. That part, which did not enter into reaction was then separated from the salt mixture by

fractioned crystallization. It was found that the separated salt retained nearly its entire original optical activity, whereas the a-phenethylmethyl ether obtained showed no optical activity. From

the data obtained it can be seen that the alkylation of alcohols with N-trimethyl-a-phenethylammonium takes placeby the formation

of a-phenethylcarbonium, i.e. in accordance with the asynchronous Card 1/2

PA - 3157

A THE STATE OF THE PROPERTY OF

On the Mechanism of the Alkylation of Alcohols by N-Trimethyla-phenethylammonium Iodide.

process. The experiments are described.
(With one table and three citations from Slavic publications)

ASSOCIATION

Institute for Element-Organic Compounds of the Academy of Science of the U.S.S.R.

FRESENTED BY SUBMITTED AVAILABLE Card 2/2

> CIA-RDP86-00513R001860120020-1" APPROVED FOR RELEASE: 09/01/2001

THE PROPERTY OF THE PROPERTY O

VITT.SV. KURSANOV D.N., Corresponding Member of the Academy 20-5-34/67 AUTHOR The Study of the Mcchanism of Alkylation of Phenols by N-tri-VITT S.V. PITLE methyl-a-phenylethylammonium iodide. (Issledovanniye mekhankz ma alkilirovaniya fenolov kodistym N-trimetil-α-fenetilammonipm -Russian) Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 5, pp 1066-1069(U.S.S.R.) PERIODICAL Reviewed 8/1957 Received 7/1957 A number of research workers already studied the alkylation of phenols and phenolate anions which contain a benzyl- or substi-**ABSTRACT** tuted benzyl radical. It was found that on the occasion of interaction between chlorid-N-benzylpyridinium and phenol a mixture of C- and O-alkylation products is produced. It ought to be believed that this reaction, like other alkylation processes previously studied belongs to the heterolytic reactions of the substitution of the Sn type. Phenol alkylation shoud develop either according to the synchronous mechanism A or to the asynchronous mechanism B, the latter including the intermediate formation of a free carbonium ion. The authors investigated the interaction between iodine-N-trimethyl-α-phenathylammonium and resorcin and fluoroglucin.During heating of these phenols with ammonium salt a substitution of the hydrogen atoms of the phenol kernel by  $\alpha$ -phenethylradical (C-alkylation reaction) takes place at 150° and more. The same alkylation of the two above phenols through the optically active N-Card 1/2

The Study of the Mechanism of Alkylation of Phenols by N-trimethyl- $\alpha$ -phenylethylammonium iodide. 20-5-34/67

trimethyl-α-phenethylammonium was carried out at 155-175° with an abundance of the corresponding phenol. If the reaction develops according to schedule A, the produced α-phenethylphenols lops according to schedule A, the produced α-phenethylphenols must be optically active, in the other case (B), they must be inactive. It was found that the α-phenethylphenols are optically inactive and also the α-phenylpropion acid produced from their ly inactive and also the α-phenylpropion acid produced from their oxidation. Herefrom it may be concluded that in phenol alkylation oxidation. Herefrom it may be concluded that in phenol alkylation oxidation. Herefrom it may be concluded that in phenol and there-α-phenethylcarbonium. The latter reacts with phenol and therefore reaction develops according to (B). This was also confirmed by the reaction with deuteroresorcin instead of resorcin. Reactions, methods, yields, etc. are described in detail. (With 6 Slavic references).

ASSOCIATION PRESENTED BY Institute for Element-Organic Compounds of the Academy

SUBMITTED AVAILABLE 14.11.1956 Library of Congress

Card 2/2

20-6-27/59 KURSANOV, D.N., VITT, S.V. AUTHOR: The Study of the Mechanism of the Alkylation of Amines by H-Tri-TITLE: Methyl-a-Phenylethylammonium Iodide. (Isseledovaniye mekhanizma alkilirovaniya aminov yodistym N-trimetyl-a-fenetilammoniem. Russian). Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr. 6, pp 1283 - 1285 PERIODICAL: (U.S.S.R.) It is known that the ammonium salts of the type Ar---CH2---N-ABSTRACT: can alkylate primary and secondary amines by the transfer of the radical ArCH, from one nitrogen atom to the other. This process is also interesting by the fact that in this reaction the initial and final products belong to the same class of compounds:  $R' \longrightarrow R' \longrightarrow R' \longrightarrow R +$ The mechanism of this reaction remains uninvestigated. The authors investigated the alkylations of piperiline and morpholine by the optically active N-trimethyl-a-phenylethylammonium iodide. This reaction can develop either according to a synchronous or according to an asynchronous mechanism with an intermediate formation of a free carbonion. In the first case the developing N-a-phenylehtylpiperdin has to be optically active. In the second case (with car-Card 1/3

The Study of the Mechanism of the Alkylation of Amines by N-Tri-mathyl-α-Phenylethylammonium Iodide. 20-6-27/59

con ion formation) the optically activity would be lucking It was found that in the substitution process this activity of the phenylethylredical is conserved: the N-a-phenylethylpiperdine obtained from the d-salt/turned to the right side whereas the N-a-phenylethylmorpholine resulted from the 1-salt turned to the left. Therefore the reaction passes according to a synchronous mechanism. It was necessary to determine the configuration of the leftturning substance. In so far as in the here applied reaction the asymmetrical centre is not concerned it can be stated that the leftturning substance belongs to the 1-series. From this it results that in the case of the mentioned reaction with piperdine (and obviously also with morpholine) the inversion of the reversal of the a-phenylradical takes place. Since in the case of heating of longer duration optical purity was reduced, a secondary reaction of the symmetrical substitution seems to have taken place. Apparently the repetition of this process is bound to lead to ramification. In the experimental part the reactions with yields and constants are described in detail. (4 Slavic references).

Card 2/3

20-6-27/59

The Study of the Mechanism of the Alkylation of Amines by N-Tri-Methyl-a-Phenylethylammonium Iodide.

ASSOCIATION:

Not given

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PRESENTED BY: SUBMITTED:

14 November 1956

AVAILABLE:

Library of Congress

Card 3/3

CIA-RDP86-00513R001860120020-1" APPROVED FOR RELEASE: 09/01/2001

VITT S.V.

79-2-28/64

AUTHORS:

Parnes, Z. N., Vitt, S. V., Kursanov, D. H.

TITLE:

An Investigation of the Isomerization of Pinacoline by the Method of Traced Atoms (Issledovaniye izomerizatsii pinakolina metodom mechenykh atomov)

PERIODICAL:

Zhurnal Obshchey Khimii, 1958, Vol. 28, Nr 2, pp. 410 - 413 (USSR)

ABSTRACT:

At present different researchers found that the aliphatic carbon ions (iony karboniya) enter into a reaction of hydrogen exchange with acids. The hydrogen atoms are exchanged with the carbon atoms close to the carbon enter (references 1 - 3). It was also shown that the carbon center of the carbon ion which was formed by the action upon carbonyl coapounds by sulfuric or another strong mineaction upon carbonyl coapounds by sulfuric or another strong mineaction upon carbonyl coapounds by sulfuric or another strong mineaction of which was obtained from the hydrocarbon with a tertiary carbon ion which was obtained from the hydrocarbon with a tertiary carbon atom. Thus in the interaction of ketones, aldehydes, carboxylbon atom. Thus in the interaction of ketones, aldehydes, carboxylbon atom. Thus in the interaction of ketones only takes place in those hydrogen atoms that are at Car. But cases of ketone isomerization are known (references 4 - 7) which are explained by a merization are known (references 4 - 7) which are explained by a displacement of the carbon center. Barton and Porter (reference 6) displacement of the carbon center. Barton and Porter (reference 6) recently most exactly proved that the oxygen atom does not go over from one carbon to another in the ketone isomerization, but that

Card 1/3

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79-2-28/64
An Investigation of the Isomerization of Pinacoline by the Hethod of Traced Atoms

only the hydrocarbon radicals migrate. For confirming this situation they used ditertiary butylketone (III) which contains C14 in the carbonyl group. It seemed interesting to the authors to investigate the interaction of pinacoline (V) with deuterosulfuric acid under the same conditions under which the isomerization of the above-mentioned ketones (reference 6) takes place. The isomerization of pinacoline assumed in this connection cannot be determined by the usual chemical methods, as the reaction product is not different from the initial product; but by means of labelled atoms it was hoped to discover it. On the basis of data on the regrouping of pinacline (reference 9) it must be reckoned with the fact that the ion (VII) either only exists for such a short time that it cannot markedly enter the hydrogen-echange reaction and that the regrouping takes place synchronously, i.e. without forming a free ion (VII). But the ions (VI) and (VII) must easily enter the hydrogen reaction. Due to the reversability of the isomerization reaction all hydrogen atoms of pinacoline must finally be exchanged. On the basis of the data given it may be supposed that the hydrogen exchange in the hidden isomerization occurs as a consequence of a regrouping of methyl groups and is independent of the displacement of the carbon center. Summary: 1) The interaction of pinacoline with deuterosulfuric acid was investigated under the conditions

Card 2/3

79-2-20/64

An Investigation of the Isomerization of Pinacoline by the Method of Traced Atoms

of the ketone isomerization. It was shown that under these conditions pinacoline exchanges the hydrogen atoms in the tertiary butyl group against deuterium. 2) The mechanism of the reaction of deutero-exchange and pinacoline-isomerization were investigated. There are 1 table, and 9 references, 4 of which are Slavic.

ASSOCIATION: Institute for Elemental-organic Compounds AS USSR

(Institut elementoorganicheskikh sojedineniy Akademii nauk SSSR)

SUBMITTED: January 16, 1957

AVAILABLE: Library of Congress

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Card 3/3

507/62-59-8-17/42

5(3)

Kursanov, D. N., Vitt, S. V.

TITLE:

Mechanism of the Alkylation by Means of the  $\alpha$ -Phenethyl-

ammonium-substituted Cation

PERIODICAL:

Izvestiya Akademii nauk SSSR. Otdeleniye khimicheskikh nauk,

1959. Nr 8. pp 1445-1452 (USSR)

ABSTRACT:

In the present paper the results of a previous investigation (Ref 1) on the alkylation mechanism of bases of various basicities (alcohols, phenols, and amines) with the optically active N-trimethyl-a-phenethylammonium chloride are investigated. In this type of reaction either a fracture of a few or more bonds, or a temporary existence of free, kinetically independent particles results (ions or radicals): asynchronous reaction (II); or a fracture and simultaneous

(synchronous) (I) new formation of other bonds:

HB: CH-NMe<sub>3</sub> — HB-CH + NMe<sub>3</sub> Or CH<sub>3</sub> II

The alkylation of the alcohols, phenols, and amines takes place in such a way as to permit the formation of a new bond of the carbon atom of the alkylating group in the place of the highest

Card 1/2

507/62-59-8-17/42

Mechanism of the Alkylation by Means of the α. Phenethylammonium-substituted Cation

electron density of the substance which is to be alkylated (R-Ph-CH-CH,). In the case of alcohols racemic phenylethylether is formed as an intermediary product; the reaction process is asynchronous. In the case of phenols (resorcin, phloroglycine) a carbonium ion is formed in the intermediate stage (Kursanov, Setkina, Ref 12). This reaction is also asynchronous. The alkylation of the amines investigated (piperidine and morpholine) was synchronous. The alkylation of the phenylethylammonium molecules for which a cation is substituted can be synchronous or asynchronous. The reaction is affected only by the basicity of the group which is to be substituted. Stronger basic groups such as amines have a synchronous alkylation, weakly basic groups, such as alcohols, and phenols, an asynchronous one. The methods of alkylation are described in the experimental part. There are 1 table and 17 references, 8 of which are Soviet.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR

(Institute of Elemental-organic Compounds of the Academy of

Sciences, USSR)

SUBMITTED: November 23, 1957

Card 2/2

SETKINA, V.N.; KURSANOV, D.N.; VITT, S.V.; MARTINKOVA, N.S.

Isotopic exchange of hydrogen of primary alkyl chlorides in the presence of aprotic acids. Izv.AN SSSR.Otd.khim.nauk no.ll: 2081-2083 N '61. (MIRA 14:11)

1. Institut elementoorganicheskikh soyedineniy AN SSSR. (Hydrogen--Isotopes) (Chlorides)

VITT, S.V.; MARTINKOVA, N.S.

Dehydrogenation of secondary alcohols by homogeneous tasic catalysis. Izv.AN SSSR.Otd.khim.nauk no.6:1125 '62. (MIRA 15:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR. (Alcohols) (Dehydrogenation)

VITT, S.V.; MARTUNKOVA, N.S.

Hydride mobility of & -hydrogen atoms in alcoholates. Izv. AN (MIRA 15:6) SSSR. Otd.khim.nauk no.5:930 My \*62.

1. Institut elementoorganicheskikh soyedineniy AN SSSR. (Alcoholates) (Hydrogen)

VITT, S.V.; BONDAREV, V.B.; POLININ, V.L.; ROZENGART, M.I.

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Determination of xylene isomers in complex hydrocarbon mixtures by capillary gas-liquid chromatography. Izv. AN SSSR. Ser. khim. no.11:2043-2045 N '63. (MIRA 17:1)

1. Institut organicheskoy khimii imeni N.D. Zelinskogo AN SSSR.

NESMEYANOV, A. N., akademik; KOCHETKOVA, N. S.; VITT, S. V. BONDAREV, V. B.; KOVSHOV, Ye. I.

Alkylation of ferrocene. Dokl. AN SSSR 156 no. 1:99-101 My 164. (MIRA 17:5)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

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Б/0020/64/156/001/0099/0101

AP4035814 ACCESSION NR:

AUTHOR: Nesmeyanov, A. N. (Academician); Kochetkova, N. S.; Vitt, B. V.;

Bondarev, V. B.; Kovshov, Ye. I.

TITLE: Alkylation of ferrocenes

SOURCE: AN SSSR. Doklady\*, v. 156, no. 1, 1964, 99-101

TOPIC TAGS: ferrocene, alkylation, Friedel Crafts, ethylferrocene, diethylferrocone, triathylferrocene, tert butylferrocene, butyl ferrocene, preparation, IR spectra, NMR spectra

ABSTRACT: In this work ferrocenes were alkylated to give 80-90% yields, in comparison with the Friedel Crafts methods which give 20-30%, of alkylates. Ferrocene was reacted with ethylbromide in the presence of equimolar amounts of AlCl3 and LiAlH, in n-heptane; the reaction products were water extracted and the organic portion subjected to vacuum distillation. The 100-130C (at 1 mm Hg) fraction contained ethylferrocene and isomers of diethylferrocene, and the 130-150C/lmm fraction contained a mixture of isomeric triethylferrocenes. Mono-, di-, tri- and tetra-tert-butylferrocenes were similarly prepared. IR and NMR

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ACCESSION NR: AP4035814

indicated the third and fourth tert-butyl group is attached to the second g ring.
"NMR spectra were obtained on NMR spectrograph TsIA-5535 at 40 megacycles by
E. I. Fediny\*m and P. V. Petrovsk, for which the authors express their sincere
appreciation. Orig. art. has: 2 tables.

ASSOCIATION: Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR (Institute of Organometallic Compounds Academy of Sciences SSSR)

SURMITTED: 03Feb64

INCL: 00

SUB CODE: OC

NO REF SOV: 005

OTHER: 003

Card 2/2

VITT, S.V.; BONDAREV, V.B.; POLININ, V.L.

Separation of close-boiling mixtures on a capillary chromatograph with flame-Tonization detection. Izv. AN SSSR. Ser. Khim. no.7: 1145-1150 Jl '64. (MIRA 17:8)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

VITT, B.V.; MARTINKOVA, N.S.

Hydride mobility in alcoholates. Izv. AN SSSR. Ser.khim. no.3: 524-530 Mr '64. (MIRA 17:4)

1. Institut elementoorganicheskikh soyedineniy AN SSSR.

VITT, S.V.; ZHARIKOVA, N.A.; PASKONOVA, Ye.A.; BOMDAREV, V.B.

Alkylation of toluene by alkyl halides and the ratio of the formed isomers. Izv. AN SSSR Ser. khim. no.11:2099-2101 N '64 (MIRA 18:1)

1. Institut elementoorganicheskikh soyedineniy AN SSSR i Institut biokhimii i fiziologii mikroorganizmov AN SSSR.

VITT, S.V.; PASEGNOVA, Ye.A.; THARIKOVA, N.A.; BELIKOV, V.M.

Determination of the atructure of isomers by gas chromatographic retention parameters. Dokl. AN SSDR 160 no.3:594-595 Ja 165.

1. Institut elementoorganicheskikh soyedineniy AN SSSR. Submitted July 2, 1964.

PLATE, A.F.; BELLKEVA, U.A.; BEBYLLVA, A.A.; GUSAR', H.I.; VITT, L.V.

Isomerization of bioyelin CoH16 hydrocarbons in the presence of AlCl3. Dokl. ANGL R 163 no.41902-905 Ag 165.

1. Moskovskiy gosudars wennyy universitet i Institut elementcorganicheskikh sogudiceniy ak CCTR. Subnitted January 16, 1965.

BEREZKIN, V.G., kand. khim. nauk; VITT, S.V., kand. khim. nauk

Symposium on gas chromatography held in Berlin. Vest. AN SSSR
35 no.9:92 165. (MIFA 18:9)

VITT, V. O.

"On the theory of selecting animals according to age. Paper 1. The influence of the age of animals on the hereditary characteristics of their offspring." by Vitt, V. O. (p. 161)

SO: Journal of General Biology (Zhurnal Obshchei, Biologii) Vol. X, No. 3, 1949

VITT, V. O.

Iz: Istorii Russkogo Konnozavodstva (From the history of Russian Horsebreeding)
Sozdaniye Novykh Porod Loshadey Na Hubezhe XVIII-XIX Stoletii. Moskva Sel'khozgiz, 1952
358 p. Illus., Tables.

S. O. N/5 727.41 .V8

VITT, V. O.

The Committee on Stalin Prizes (of the Council of Ministers USSE) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1902 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 26 Feb - 5 Apr. 1954)

Name

Title of Work

Rosinated by

Vitt, V. O.

"From the History of Russian Horsebreeding" Ministry of Agriculture USSR

SO: W-30604, 7 July 1954

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BENEDIKTOV, I.A., redaktor; GRITSENKO, A.V., redaktor; IL'IN, M.A., zamestitel' glavnogo redaktora, LAPTEV, I.D., LISKUH, Ye.F.; LOBANOV, P.P., glavnyy redaktor: LYSZNKO, T.D.; SKRYABIU, K.I.; STOLKTOV, V.H.; PAVLOV. G.I.. kandidat sel'skokhozyaystvennykh nauk, nauchnyv redaktor; SOKOLOV, N.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor: KARPINSKIY. N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHESTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSKNKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHCHEGOLEV, V.N., doktor seliskokhozyaystvennykh nauk. professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskiy nauk, nauchnyy redaktor: EDEL'SHTEYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHCHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLEVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, naychnyy redaktor; YKKIMOV, V.P., agronom, nauchnyy redaktor [deceased], EYTINGEN, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauch-nyy redaktor; TIMOFEYEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; YITT, V.U. professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ. V.I.. kandidat sel'skokhozyavstvennykh nauk, nauchnyy redaktor: (Continued on next card)

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BENEDIKTOV, I.A .-- (continued) Card 2.

GREBEN: L.K., akadenik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIH, A.P., professor, doktor seliskokhozyaystvennykh nauk, nauchnyy redaktor; SMETHEV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor seliskokhozyaystvennykh nauk, nauchnyy redaktor; MANTEYPEL!, P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; AMPIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor seleskokhozyaystvennykh nauk, nauchnyy redaktor; POITEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor: LINDE, V.V., professor. doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh mauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor: KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANTIPIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktpr; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor. OLIVKOV, B.H., professor, doktor veterinarnykh nauk nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doctor veterinarnykh nauk, nauchnyy redaktor; BOL/FINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, V1.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor:

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BENEDIKTOV, I.A. --- (continued) Card 3.

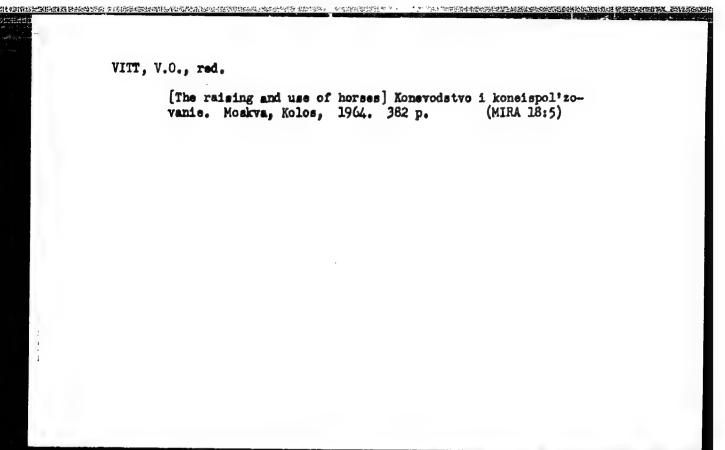
YEVREINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, F.F., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor, LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROSSOSHAUSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; TEMEL'YAHOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSEVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FEDOTOVA, A.F., tekhnicheskiy redaktor (Continued on next card)

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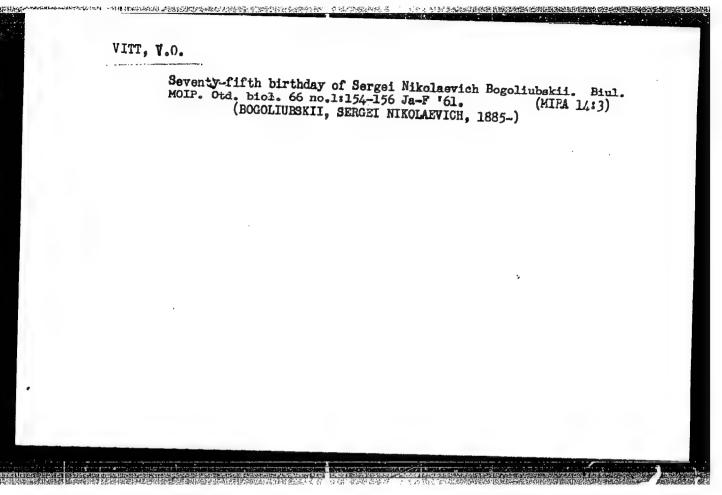
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